

Title (en)
CO-INFUSION DEVICE

Title (de)
VORRICHTUNG ZUR CO-INFUSION

Title (fr)
DISPOSITIF DE CO-PERFUSION

Publication
EP 2913042 A4 20160622 (EN)

Application
EP 13849182 A 20131017

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• JP 2013078228 W 20131017

Abstract (en)
[origin: EP2913042A1] OBJECT There is provided a coinfusion apparatus capable of automatically performing part or all of a coinfusion processing appropriately. MEANS FOR SOLUTION A coinfusion apparatus 1 includes: a first robot arm 21 which retains a medical agent container; a second robot arm 22 which performs an operation of inserting a syringe needle of a syringe into a mouth of the medical agent container retained by the first robot arm 21, and an operation of inserting the syringe needle of the syringe into a coinfusion mouth of a transfusion bag; a coinfusion processing room 104 which shelters the robot arms, etc.; and a transfusion bag elevation inclination section 113 which retains the transfusion bag outside of the coinfusion processing room 104 and positions the coinfusion mouth of the transfusion bag in a coinfusion communication mouth 37 formed in the coinfusion processing room 104. A trash storage room door 13 is provided in a front surface of the coinfusion apparatus 1.

IPC 8 full level
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A61J 3/002 (2013.01 - EP US)

Citation (search report)
• [A] US 2005224137 A1 20051013 - TRIBBLE DENNIS [US], et al
• [A] US 2009223592 A1 20090910 - PROCYSHYN CHRISTOPHER A [CA], et al
• [A] US 2012241043 A1 20120927 - PERAZZO NICHOLAS J [US], et al
• [A] US 2008169044 A1 20080717 - OSBORNE JOEL A [US], et al
• See also references of WO 2014065196A1

Cited by
IT202000014842A1; CN105287211A; EP3404399A1; IT201700052482A1; EP3970687A1; WO2020037297A1

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JP 2018008106 A 20180118; JP 2019205948 A 20191205; JP 2021104452 A 20210726; JP 2022123093 A 20220823;
JP 2024023778 A 20240221; JP 6213474 B2 20171018; JP 6915661 B2 20210804; JP 7127712 B2 20220830; JP 7421138 B2 20240124;
JP WO2014065196 A1 20160908; KR 102072025 B1 20200131; KR 20150079498 A 20150708; US 2015335531 A1 20151126;
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JP 2017176307 A 20170914; JP 2019168323 A 20190917; JP 2021073921 A 20210426; JP 2022099651 A 20220621;
JP 2023215661 A 20231221; KR 20147036032 A 20131017; US 201314410569 A 20131017